IGNITE 2024



A DAILY NEWSLETTER

Editor in Chief

Editors

Dr. Srinivasan Alavandar Principal, ACT

Ms N Dhivya, AP - S&H Ms S Archana AP - EEE Mr V Kothantapani - EEE II Year





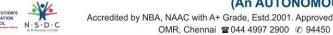
PLACEMENT NEWS





Year Shortlisted students (female) from department of ECE attended Face to Face Interview Valeo India Private Limited Company premises on 8th April 2024 . Valeo is a technological and industrial leader in electrification, driving assistance systems, the reinvention of the interior experience, and lighting everywhere.



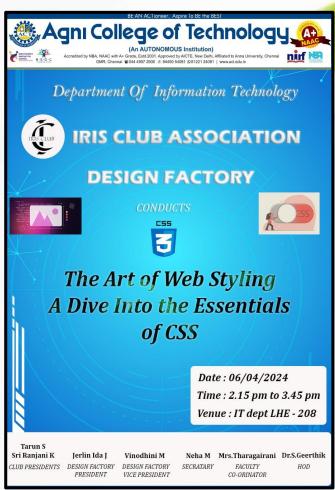






IRIS ASSOCIATION





From the Department of Information Technology, the **Design Factory** under the **Iris Club Association** conducted a CSS workshop, "**The Art of Web Styling A Dive into the Essentials of CSS,"** for the students to excel in their styling skills on websites.





IRIS ASSOCIATION





From the Department of Information Technology, **Speak to Lead** under the **Iris Club Association** conducted an event to enhance our group discussion skills. "**Spark in Groups**" was an event that gave a lot of insights on communication and confidence in groups.







OPEN HACK DAY 2024







The Department of Information Technology conducted an event on "OPEN HACK DAY 2024" on 08/03/2024 students from various colleges participated and exhibited their innovative ideas on cyber security.







GALLERY

















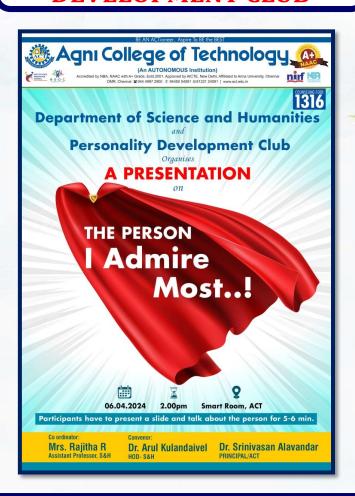








PERSONALITY DEVELOPMENT CLUB



The Department of Science and Humanities & Personality Development Club organized a presentation on "The Person I Admire Most" on 06.04.2024 in the Smart Room. In this event, about 25 students participated. Dr. Arul kulandaivel, HoD/S&H Department, has presided over the event. Mrs. R. Rajitha, AP/Chemistry, has coordinated the event.





GALLERY



















FACULTY ACHIEVEMENTS



DMI COLLEGE OF ENGINEERING

Palanchur, Chennai - 600 123

(AN AUTONOMOUS INSTITUTION)

Certificate of Participation

This is to certify that

Mr/Ms/Dr K MAHESH KUMAR

ASSISTANT PROFESSOR

AGNI COLLEGE OF TECHNOLOGY



has participated in the Faculty Development Program (Virtual Mode) on "Frontiers in Mechanical Engineering: Embracing Modern Trends and Innovations " organized by the Department of Mechanical Engineering, DMI College of Engineering from 21 March 2024 - 27 March 2024

> Dr.A.Amala Mithin Minther Singh HOD/Mechanical

Dr.N. Azhagesan Principal

Rev.Sr.M.K. Teresa Correspondent

Mr. K. Mahesh Kumar, Assistant Professor, Department of Mechanical and Automation Engineering, has participated in Six days Faculty Development Program (Virtual Mode) on "Frontiers in Mechanical Engineering: Embracing Modern Trends and Innovations", organized by the Department of Mechanical Engineering, DMI College of Engineering from 21 to 27 March 2024.







FACULTY PARTICIPATION



Mr. K. Ganesh Kumar, Assistant Professor, Department of Mechatronics Engineering, has attended the Six days FDP on Practicing Innovatory Methodologies in Emerging Trends organized by Dhanalakshmi College of Engineering, Chennai, from 25th March to 30th March 2024.





FACULTY PARTICIPATION



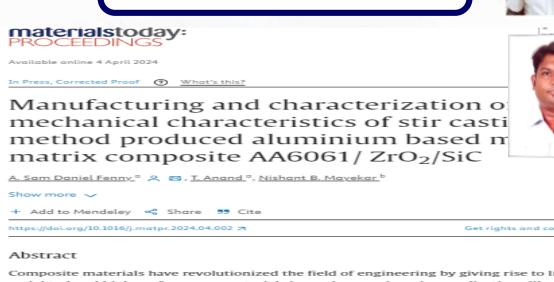
Mr. S. Karthikeyan, Assistant Professor, Department of Mechatronics Engineering, has attended the Six days FDP on Practicing Innovatory Methodologies in Emerging Trends organized by Dhanalakshmi College of Engineering, Chennai, from 25th March to 30th March 2024.





JOURNAL PUBLISHED





Composite materials have revolutionized the field of engineering by giving rise to light weighted and high performance materials in modern engineering applications like automotive and aerospace, foreseeing its possibilities this work focuses on fabricating and testing the mechanical and metallurgical properties of composite materials with Aluminum of grade 6061 as base matrix and Silicon Carbide and Zirconium dioxide particles as reinforcement in various proportions such as (SiC 2%,ZrO2 2%).(SiC 6%, ZrO2 2%), (SiC 2%, ZrO2 6%), and fabricated by using stir casting which is the most economical. The Aluminum alloys when reinforced with different ceramics show improvement in the hardness, strength, microscopic structure, wear rate and other mechanical properties. The applications of the composites are also presented.

Mr. A. Sam Daniel Fenny, Assistant Professor, Department of Mechanical and Automation Engineering, and Dr. T. Anand, Dean Academic, have Published a Journal in Materialstoday: Proceedings, Research Article entitled "Manufacturing and characterization of mechanical characteristics of stir casting method produced aluminium based metal matrix composite AA6061/ ZrO2/SiC", ELSEVIER Publishing Ltd., in the Web of Science Journal –SCI, published on 4th April 2024.



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STUDENT INTERNSHIP













Hariharan S., Sanjay K., Sivaprakash S., Suyamburaj N., Sham P., and Velan T., II Year, Department of Electrical and Electronics Engineering, have undergone **Internship Training at Lucas – TVS.,** Padi, Chennai, 600050, from 04.03.2024 to 04.04.2024.





STUDENT ACHIEVEMENT



Department of Computer Science and Engineering Indian Institute of Technology Bombay, Powai, Mumbai-400 076.





This is to certify that Hariharan R, a student of Agni College Of Technology, Tamil Nadu has participated in the e-Yantra Robotics Competition (eYRC 2023-24).

He/She is a member of the team having the following team members:

- 1. Hariharan R

- 4. Sudharsan S

This team has participated in AstroTinker Bot theme









Engineering a better tomorrow

Principal Investigator, e-Yantra Professor

Department of Computer Science and Engineering Indian Institute of Technology Bombay

e-Yantra is a project sponsored by MHRD, Government of India, under the Nati ICT (NMEICT).

Hariharan R., Saravanan S., Kishore Kumar, Sudharsan S. IV Year students, Electronics Communication Engineering have participated in the e-Yantra Robotics Competition with the "AstroTinker Bot" theme in the ERTS Lab, Indian Institute of Technology, Mumbai.













T. Arisudha (ECE) and R. Rajalakshmi (AI&DS), I year students, Department of Science and Humanities, have participated in a chess competition in the 17th National Level Symposium, McADRDIT'24, organized by the SME of Easwari Engineering College, Chennai, on 6th April 2024.



















T. Vetha Sri, S. Rajeshwari, M. Thriksha Priya Dharshini, K. Pavithra, S. Niranjanadevi, and M. Ranjitha I year students, Department of Science and Humanities have participated in the "ENTERTAINMENT QUIZ" event conducted as a part of Abacus, 24 organized by CSEA, College of Engineering Guindy, Anna University, on 21st to 23rd, March 2024.









Prathana V, III year student, Department of Computer Science and Engineering, has participated in the event "PAPER PRESENTATION - Women Safety Patrolling Robot" of TECMATE'24 a National Level Technical Symposium conducted by the New Prince Shri Bhavani on 05.04.2024













Prathana V., and Vallishree V., III year students, Department of Computer Science and Engineering, have participated in the event "QUIZ TARRENT" of TECMATE'24, a National Level Technical Symposium conducted by the New Prince Shri Bhavani on 05.04.2024







Nivetha R, III year student, Department of Computer Science and Engineering, has participated in the event Innovarex "Understanding Cybersecurity" of TECMATE'24 a National Level Technical Symposium conducted by the New Prince Shri Bhavani on 05.04.2024.







Parthasarathy D, II year student, Department of Mechatronics Engineering, has participated in the event of the National Level Technical Symposium "I-TEKRON 2K24," organized by New Prince Shri Bhavani College of Engineering and Technology on 5th April 2024.







Sravanakrishnan M., II year student, Department of Mechatronics Engineering, has participated in the event of the National Level Technical Symposium "I-TEKRON 2K24," organized by New Prince Shri Bhavani College of Engineering and Technology on 5th April 2024.











Mr. T. Nanda Kishore, Mr. Santhosh Sivan, and Ms. D. Kothai Prityanka, Final year students, Department of Chemical Engineering, have participated in **Paper pitch online** event at the 10th National Conference on Sustainable Trends in Energy and Environmental Resources (STEER-2024), organized by the ACE-IIChE SSN Student Chapter, Department of Chemical Engineering, Sri Sivasubramaniya Nadar College of Engineering, Chennai, on 25th and 26th March 2024.













S.Hari Prasath, Vasi Karan and S. Kumaresh (AI&DS), I year Department of Science and Humanities, have participated in the Picto Word competition in SUPREMO, the National IP Fest organized by the Centre for IPR, School of Law, Sathyabama Institute of Science and Technology, Chennai, on 4th and 5th April 2024.













CERTIFICATE OF COMPLETION

Presented to

Srimanikandan.R

For successfully completing a free online course Advanced SQL

> Provided by Great Learning Academy

> > (On April 2024)

To verify this certificate visit verify.mygreatlearning.com/GKPXSFWQ

Srimanikandan R, II Year student, Department Computer Science and Engineering, has successfully completed an online course "Advanced SQL" provided by Great Learning in April 2024.













CERTIFICATE OF COMPLETION

Presented to

GOKUL D

For successfully completing a free online course Greedy Algorithm

> Provided by Great Learning Academy (On April 2024)

> > To verify this certificate visit verify.mygreatlearning.com/PRZCTHYD

Gokul P, II year student, Department of Computer Science and Engineering, has successfully completed an online course "Greedy Algorithm" provided by Great Learning in April 2024.











CERTIFICATE OF COMPLETION

Presented to

Geosha G

For successfully completing a free online course Graph Based Algorithms

Provided by

Great Learning Academy

(On April 2024)

To verify this certificate visit verify.mygreatlearning.com/NFTWQJNC

Geosha G, II year student, Department of Computer Science and Engineering, has successfully completed an online course "**Graph Based Algorithms**" provided by Great Learning in April 2024.







CCM



The Department of Aerospace Engineering recently conducted two class committee meetings: Class Committee Meeting 2 for third-year students and Class Committee Meeting 1 for second-year students. During these meetings, discussions were held on various topics including the progress of the curriculum, gathering student feedback on subjects, and exploring initiatives to promote student welfare.





MOCK PLACEMENT- PERSONAL INTERVIEW





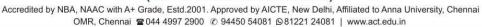






attended the "MOCK PLACEMENT INTERVIEW," interviewed by Dr.Ishwarya M.V., Associate Professor and Head of the Department, Artificial Intelligence and Data Science, on 6th April 2024.







GALLERY





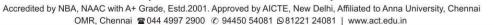


















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INDUSTRIAL VISIT





Picture with Dr. Sundhar



Picture of Polymetallic Nodule



The Department of Mechanical and Automation Engineering has organized an Industrial Visit to the National Institute of Ocean Technology (NIOT), at Pallikaranai, Chennai on 5th April 2024. The students from II & III year learned about instrumentation and ocean technology accompanied by the two faculty members.





NAAN MUDHALVAN PROGRAM



The second-year students of Artificial Intelligence and Data Science attended the "EBPL NAAN MUDHALVAN - IOT STREAM" on April 8th, 2024, from 9.00 a.m. to 4.00 p.m. Mentored by Mrs. Pandeepa P., Assistant Professor, Department of Artificial Intelligence and Data Science.







CLUB ACTIVITY



II Year students, Department of Biomedical Engineering, had their Club Activity on **"Find the Word"** related Bioscience topics on 06th April,2024.



